

mobius

Fraction Manipulation Algebra -**Orientation 2**



$$egin{array}{c} x = \mathsf{6}a \cdot c \ x = rac{\mathsf{4}a}{\mathsf{6}c} \end{array}$$

Solve the fraction for 'x' in terms of the variables and reduce.

$$egin{array}{|c|c|c|c|c|} A & B & C \\ x & = rac{4c}{6a}x = rac{8a\cdot c}{3}x = rac{c}{24a} \end{array}$$

$$4a = \frac{2x}{3c}$$

$$4a=rac{2x}{3c}^{rac{c}{c}rac{4c}{6a}^{rac{d}{c}rac{12a\cdot c}{2}}}$$

$$2a = \frac{3x}{4c}$$

$$2a=rac{3x}{4c}$$

$$\overset{\scriptscriptstyle\mathsf{A}}{x} = rac{2b}{9a} \left| \overset{\scriptscriptstyle\mathsf{B}}{x} = rac{3a}{6b}
ight|^{oldsymbol{4}}$$

$$\overset{ extsf{A}}{x} = 8a \cdot c \overset{ extsf{B}}{x} = rac{c}{a}$$

$$3a = \frac{3x}{2b}$$

$$x = rac{3a \cdot b}{6} x = 2a \cdot b$$

$$a = \frac{2a}{4a}$$

$$x = \frac{4a \cdot c}{8} x = \frac{4a}{8c}$$
 $x = \frac{4c}{8c}$

$$x=rac{b}{a}\left| egin{matrix} {}^{ extsf{B}} & = rac{2b}{8a} \end{array}
ight|$$

$$x=rac{2b}{6a}$$
 $x=3a\cdot b$

$$2a=\frac{2x}{4b}$$

$$egin{array}{c|c} 2x & \stackrel{ ext{c}}{x} = rac{4a}{4b} & \stackrel{ ext{d}}{x} = 4a \cdot b \end{array}$$

$$2a=\frac{2a}{3b}$$

$$x = \frac{b}{12a} \begin{vmatrix} c & b \\ x & = \frac{3b}{4a} \end{vmatrix}$$

$$x=rac{2c}{6a}x=rac{c}{a}x=rac{2a}{6c}$$

$$egin{array}{c} x = rac{4b}{4a} egin{array}{c} x = 4a \cdot b \ x = rac{b}{2a} \end{array}$$

$$2a = \frac{3x}{2c}$$

D
$$x = \frac{4a \cdot c}{3}$$

$$4a = \frac{2x}{2b}$$

$$x = rac{b}{a} \begin{vmatrix} x = rac{2a}{8b} \end{vmatrix}$$